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DECLARATION FOR UT PATENT APPLICATION

(37 CFR 1.63) Declaration Submitted OR With Initial

Filing

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

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Attorney Docket Number	11321-P077WOUS
First Named Inventor	RICHARD E. SMALLEY ET AL.
COMF	PLETE IF KNOWN
Application Number	10/575,352
Filing Date	OCTOBER 14, 2004
Art Unit	UNKNOWN
Examiner Name	UNKNOWN

I hereby declare that:			·				
Each inventor's residence, ma	iling address, a	and citizenship are a	s stated b	elow next to	their name	€.	
I believe the inventor(s) named which a patent is sought on the			nventor(s)	of the subje	ct matter v	which is clain	ned and for
AMPLIFICATION OF	CARBON N	NANOTUBES V	'IA SEE	DED-GR	OWTH	METHOD	S
Alexander of the second second second		(Title of the I	nvention)				
the specification of which							
is attached hereto							
OR			_				
was filed on (MM/DD/Y	YYY) 0	ctober 14, 2004	as Uni	ted States Ap	oplication (Number or P	CT International
Application Number PCT/US	S2004/34002	and was amended	on (MM/I	DD/YYYY)			(if applicable).
I hereby state that I have revie amended by any amendment			of the abo	ve identified	specificati	on, including	the claims, as
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.							
I hereby claim foreign priority	benefits unde	r 35 U.S.C. 119(a)-	(d) or (f),	or 365(b) o	f any fore	ign applicati	on(s) for patent,
inventor's or plant breeder's ri	ights certificate	(s), or 365(a) of any	/ PCT inte	ernational app	plication w	vhich designa	ated at least one
country other than the United							
application for patent, inventor before that of the application of	rs or plant bree on which priority	eder's rights certifica is claimed.	te(s), or a	iny PCT inter	national a	pplication ha	ving a filing date
Prior Foreign Application		Foreign Filing		Prior			opy Attached?
Number(s)	Country	(MM/DD/YYY	Y)	Not Cla	<u>imed</u>	YES	NO
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Additional foreign app	plication number	ers are listed on a su	ıpplement	al priority dat	ta sheet P	TO/SB/02B a	attached hereto.

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DECLARATION — Utility or Design Patent Application

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Petitioner/applicant is cautioned	to avoid submixing	personal into	rmation in	documents filed	in a pa	tent application that may
contribute to identity theft. Pe	ersonal information s	uch as socia	Security n	iumbers, bank a	account	numbers, or credit card
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the USPTO to support a petition the USPTO, petitioners/applica	nte should consider re	ii iiiis type oi edacting such	personal ir	normation is incl	the deer	monto before submitted to
them to the USPTO. Petition	er/annlicant is advise	d that the re	cord of a n	nomation itom	me doct	wilders before submitting
publication of the application (u	nless a non-nublication	n request in	cond of a p	with 37 CER 15	11 15 ava 212/2) ic	made to the public after
or issuance of a patent. Furth	remore the record fr	rom an abanc	doned annli	cation may also	he ava	ilable to the public if the
application is referenced in a	published application	on or an issu	ied patent	(see 37 CFR	1 14\	Checks and credit card
authorization forms PTO-2038	submitted for payme	nt purposes a	are not reta	ined in the appl	ication f	file and therefore are not
publicly available.	,					
I hereby declare that all statem	ents made herein of	my own know	vledge are t	rue and that all	stateme	ents made on information
and belief are believed to be	true; and further th	at these sta	tements we	ere made with	the kno	wledge that willful false
statements and the like so made	te are punishable by	fine or imprise	onment, or	both, under 18 l	U.S.C. 1	001 and that such willful
false statements may jeopardize	e the validity of the ap	plication or a	ny patent is	sued thereon.		
						
NAME OF SOLE OR FIRST IN	VENTOR:	Ap	etition has	been filed for this	s unsian	ned inventor
Given Name (first and middle [if	fany])			Family Name o		The state of the s
Janua AA	• • •					
Irene M.				Deceased	esenialive	for Richard E. Smalley,
Inventor's Signature		<u></u>	-			Date
Residence: City	State		Country		Citizen	nship
Houston	TX		us		บร	•
Mailing Address						
3 Stagestop Circle						
				,		<u></u>
City	State		Zip			Country
Houston	TΧ		770	24	lı	JS
	<u></u>		1.73			
Additional inventors or a legal rep	presentative are being name	ed on the 4	supplem	ental sheet(s) PTO/S	B/02A or 0	02LR attached hereto.

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DECLARATION	ADDITIONA Supplemental	L INVENTOR(S) Sheet	Page 3	of 6		
Name of Additional Joint Inventor, if any	/:	A petition	has been filed for this u	nsigned inve	entor	
Given Name (first and middle (if any))	<u> </u>	Family Name or				
Robert H.		Hauge			•	
Inventor's Signature				Date		
Houston Residence: City	TX State	US Co	untry	US Citizenshi	ip	
4031 Turnberry Circle						
Mailing Address				· · · · · · · · · · · · · · · · · · ·		
Houston City	TX State		77025 Zip	US Country		
Name of Additional Joint Inventor, if any	/ :	A petition	has been filed for this u	nsigned inve	entor	
Given Name (first and middle (if any))		Family Name or Surname				
Andrew R.		Barron				
Inventor's Signature				Date		
Houston	TX		us	GB		
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Mailing Address						
Houston City	TX State		77007 Zip	US Country		
Name of Additional Joint Inventor, if any	/:	A petition	has been filed for this u	nsigned inve	entor	
Given Name (first and middle (if any))		Family Name or Sumame				
James M.		Tour				
Inventor's Signature				Date		
Bellaire Residence: City	TX State		us Country	us Ci	tizenship	
4625 Spruce Street						
Mailing Address Bellaire City	TX State		77401 Zip	US	······································	

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Supplemental Sheet **DECLARATION**

				Pag	10 4 of 6	
Name of Additional Joint Inventor if a			tion has been filed fo		!===4==	
Name of Additional Joint Inventor, if a		A petition has been filed for this unsigned inventor				
Given Name (first and middle (if any	y))		or Surname			
Howard K.		Schmidt				
Inventor's Signature		· ·		Date		
Cypress Residence: City	TX State		JS Country	us Citize	enship	
20702 Bradford Creek Court		•				
Mailing Address						
Cypress	тх	тх		us		
City	State		Zip	Coun	try	
Name of Additional Joint Inventor, if a	ny:	A petit	tion has been filed fo	r this unsigned	linventor	
Given Name (first and middle (if an	y))		Family Nar	ne or Surname	•	
W. Edward		Billups			*** ***	
Inventor's						
Signature	· · · · · · · · · · · · · · · · · · ·			Date	·	
Houston	тх		us		us	
Residence: City	State	·	Country		Citizenship	
6416 Rutgers						
Mailing Address						
Houston	тх		77005	US		
City	State		Zip	Coun	try	
Name of Additional Joint Inventor, if a	ny:	A petit	tion has been filed fo	r this unsigned	inventor	
Given Name (first and middle (if any))	Family Name or Sumame				
Christopher A.		Dyke				
Inventor's Signature				Date		
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Residence: City	State		Country		Citizenship	
19611 Spoonwood Drive						
Mailing Address		- , ,				
Humble	TX		77346	us		
City	State		Zip	Coun	try	

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DECLARATION			ADDITIONAL INVENTOR(S) Supplemental Sheet Page 5 of 6				
Name of Additional Jaint Invest							
Name of Additional Joint Invent		A	petition has been filed fo	r this unsigned i	nventor		
Given Name (first and midd	ile (if any))		Name or Surname				
Vascino ().		Moore					
Inventor's Signature				Date			
Houston Residence: City	TX State		us Country	US Citizen	ship		
2255 Braeswood Park Dr., No. 139				O GLOST	<u> </u>		
Mailing Address							
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Name of Additional Joint Invento	or, if any:		petition has been filed for				
Given Name (first and midd		Family Name or Surname					
Elizabeth		Whitsitt	-				
Inventor's Signature UMCabeth	WMF8it			Date	04/07		
Houston Residence: City	TX State		US Country	L.	us Citizenship		
806 LaMonte Lane Mailing Address					Ouzensinp		
Houston City	TX State		77018 Zip	US Country			
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Given Name (first and middle	e (if any))		Family Name or Sumame				
Robin A.		Anderson					
Inventor's Signature	•			Date			
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7490 Brompton Road, No. 172		•					
Mailing Address							
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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 6				
Name of Additional Joint Inventor, if any	y:	A petition	has been filed for th	nis unsigned	inventor	
Given Name (first and middle (if any)))	Family Name or	Surname		=	
Ramon		Colorado, Jr.				
Inventor's Signature			•	Date		
Houston Residence: City	TX State	US Coi	untry	US Citize	enship	
5104 Irving Way Mailing Address	·	•	,			
Houston City	TX State		77087-3629 Zip	US Coun	try	
Name of Additional Joint Inventor, if any	y:	A petition	has been filed for th	nis unsigned	inventor	
Given Name (first and middle (if any)))		Family Name	or Surname		
Michael P.		Stewart				
Inventor's Signature		,		Date	•	
Houston Residence: City	TX State		US Country		US Citizenship	
2829 Lockett Street			,			
Mailing Address	,					
Houston City	TX State		77021 Zip	US Coun	try	
Name of Additional Joint Inventor, if any	y:	A petition	has been filed for th	nis unsigned	inventor	
Given Name (first and middle (if any))	·	Family Name or Surname				
Douglas C.		Ogrin				
Inventor's Dough	i		·	Date	3-14-07	
Houston Residence: City	TX State	•	US Country		US Citizenship	
2825 Bellefontaine, No. 240A Mailing Address			•			
Houston City	TX State		77025 Zip	US Coun	trv	

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PATENT APPLICATION (37 CFR 1.63)

OR

Declaration Submitted after initial Filing (surcharge (37 CFR 1.16 (e)) required)

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Attomey Docket Number	11321-P077WOUS	761.
First Named Inventor	RICHARD E. SMALLEY ET AL.	
COI	MPLETE IF KNOWN	
Application Number	10/575,352	
Filing Date	OCTOBER 14, 2004	
Art Unit	UNKNOWN	-
Examiner Name	UNKNOWN	

I hereby declare that:							
Each inventor's residence, ma	uiling address,	and citizenship are as	stated b	pelow next to	their nan	ne	
I believe the inventor(s) name which a patent is sought on the	d below to be t e invention ent	the original and first in titled:	ventor(s) of the subje	ct matter	which is clair	
AMPLIFICATION OF	CARBON I	NANOTUBES VI	A SEE	DED-GR	OWTH	METHOD	S
the specification of which		(Title of the In	vention)				
is attached hereto							
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OR was filed on (MM/DD/Y)	YYY) 0	October 14, 2004	as Uni	ted States Ap	plication	Number or P	CT International
Application Number PCT/US	32004/34002	and was amended o			· 		•
I hereby state that I have review amended by any amendment s	wed and under	rstand the contonto of			specificat	ion, including	(if applicable). the claims, as
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application							56, including for prior application
I hereby claim foreign priority inventor's or plant breeder's rig country other than the United Sapplication for patent, inventor's before that of the application or	States of Ameri	ica, listed below and h		madonal app	ilication v	vnich designa	ited at least one
Prior Foreign Application Number(s)	Country	Foreign Filing Da		Priori Not Clair		Certified C	opy Attached?
N/A						YES	
Additional foreign appl	ication number	rs are listed on a supp	plementa	I priority data	sheet P	TO/SB/02B at	tached hereto

[Page 1 of 2]

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Address					
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Country	Telep	hone		Email	
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contribute to identity theft. numbers (other than a check the USPTO to support a per the USPTO, petitioners/appli them to the USPTO. Petiti publication of the application or issuance of a patent. Fu application is referenced in authorization forms PTO-20; publicly available. I hereby declare that all state and belief are believed to statements and the like so m false statements may jeopard	tition or an application. It icants should consider resonant sadvised (unless a non-publication of the record from a published application as submitted for payments made herein of the true; and further the nade are publishable by find	f this type of dacting such that the recommendation an abandon or an issue to purposes a such these statements or imprise	personal information personal application may be a patent (see 37 re not retained in the information personal p	payment purpoon is included in on from the docupolication is available also be available application fit that all statements with the knowledge.	ses) is never required by documents submitted to iments before submitting ilable to the public after made in the application) ilable to the public if the Checks and credit card ile and therefore are not into made on information
NAME OF SOLE OR FIRST		ПАр	etition has been file	d for this unsign	ad inventor
Given Name (first and middle	(if any)		Family	Name or Surnan	ne
Inventor's Signature			Marek, as Deceased	legal representative	for Richard E. Smalley,
A Signature	State	/	C_{1}		Date
Residence: City	Charles CX Devito	1170	costing 1	- Carolla	12/21/06
Houston	TX	<u> </u>	Country US	Citizens	ship
Mailing Address Stagestop Circle					
City	State	 	Zip	16	Country
louston	тх		77024	U	Country
Additional inventors or a legal	representative are being named	on the 4	supplemental sheet(

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DECLARATION		771100	IAL INVENTOR	
Name of Additional Joint Inventor, if a		A modiat		
Given Name (first and middle (if an				r this unsigned inventor
Robert H.	<u>())</u>	Family Name	or Sumame	
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Inventor's Signature Cur 6	2) (. <u>. –</u>	Date 3/12/2007
Houston	14	U		
Residence: City 4031 Tumberry Circle	State		Sountry	US Citizenship
Mailing Address Houston				······································
City	TX State		77025	us
Name of Additional Jainting	The second named in column 2 is not a se	ļ <u></u>	Zip	Country
Name of Additional Joint Inventor, if an	iy:	A petitio	on has been filed for	this unsigned inventor
Given Name (first and middle (if any))			
Andrew & R	// 		ramily Nam	e or Sumame
N ()-		Вапол		•
Inventor's Signature	T			Date 2/15/07
Houston	TX		us	GB
Residence: City 241 Asbury	State		Country	Citizenship
Mailing Address				- Chile Child
Houston	TX	****	~~~~	
City	State		77007 Zip	US Country
Name of Additional Joint Inventor, if any	y:	A petition		this unsigned inventor
Given Name (first and middle (if any))		· . -	Family Name	
James M.		Tour	raitiny Name	or Sumame
nventor's Signature				
Bellatre	TX		T	Date
Residence: City	State		US Country	us Citizenship
625 Spruce Street //ailing Address			-	Ciuzensilip
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DECLARA	TION	Supplement	tal Sheet	•	ge 4 of 6
Name of Additional Joint Inve	ntor, if any:	A petit	ion has been filed fo	or this unsigned	1 inventor
Given Name (first and r	niddle (if any))	Family Name	e or Sumame		
Howard K.		Schmidt			
Inventor's Signature	lands.			Date	2/7/07
Cypress Residence: City	TX State	1	JS Country	us Citize	enship
20702-Bradford Creek Court 207の3		•			
Mailing Address					
Cypress City	TX State.		77433 Zip	US Cour	atrv.
Name of Additional Joint Inve		A petit	ion has been filed fo		
Given Name (first and n	niddle (if any))		——————————————————————————————————————	me or Sumame	
W. Edward		Billups		v di	
Inventor's W. Educa	Billun			Date	12/20/06
Houston Residence: City	TX		US		us
6416 Rutgers Mailing Address	State		Country	·	Citizenship
Houston	TX		77005	us	
City	State		Zip	Coun	try
Name of Additional Joint Inve	ntor, if any:	A petit	ion has been filed fo	or this unsigned	Inventor
Given Name (first and m	iddle (if any))		Family Nan	ne or Sumame	
Christopher A.		Dyke			
Inventor's Signature				Date	
Humble Residence: City	TX State		บร Country		US Citizenship
19611 Spoonwood Drive Mailing Address					****
Humble	TX State		77346	US	4

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number. ADDITIONAL INVENTOR(S) DECLARATION Supplemental Sheet Page 5 Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Sumame Valerie C. Moore Inventor's Signature Houston TX Residence: City US US State Country 2255 Braeswood Park Dr., No. 139 Cltizenship Mailing Address Houston TX City 77030 US State Zip Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Sumame Elizabeth Whitsitt **Inventor's** Signature Date Houston TX US Residence: City บร State Country 806 LaMonte Lane Citizenship Mailing Address Houston TX City 77018 US State Zip Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Sumame Robin A. Anderson Inventor's Signature Date Houston TX Residence: City US US State Country Cilizenship 7498 Brompton Road, No. 172 Mailing Address

State This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

77025

US

TX

Houston

City

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This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

77025

Zip

US

Country

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State

Mailing Address

Houston

City

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	DECLARATION FOR UTILITY OR		Attorney Docket Number	11321-P077WOUS			
		ESIGN	First Named Inventor	RICHARD E. SMALLEY ET AL.			
PATENT APPLICATION		COI	COMPLETE IF KNOWN				
(37 CFR 1.63)	Application Number	10/575,352					
Declaration Submitted	OR	Declaration Submitted after Initial	Filing Date	OCTOBER 14, 2004			
With Initial Filing		Filing (surcharge (37 CFR 1.16 (e))	Art Unit	UNKNOWN			
, .		required)	Examiner Name	UNKNOWN			

I hereby declare that:							
Each inventor's residence, mailing address, and citizenship are as stated below next to their name.							
I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:							
AMPLIFICATION OF CARBON NANOTUBES VIA SEEDED-GROWTH METHODS							
(Title of the Invention) the specification of which							
is attached hereto							
OR							
was filed on (MM/DD/YYYY) October 14, 2004 as United States Application Number or PCT International							
Application Number PCT/US2004/34002 and was amended on (MM/DD/YYYY) (if applicable).							
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.							
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.							
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent,							
inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign							
application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date							
before that of the application on which priority is claimed.							
Prior Foreign Application Foreign Filing Date Priority Certified Copy Attached? Number(s) Country (MM/DD/YYYY) Not Claimed YES NO							
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.							

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Additional inventors or a legal rep	presentative are being name	ed on the 4	supplementa	al sheet(s) PTO/SE	3/02A or 0	2LR attached hereto.	

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DECLARATION			AL INVENTOR(S)	Page 3 of 6	
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DECLARATION		ADDITION Supplement	AL INVENTOR(al Sheet	S) Page 5 of 6		
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